

PATENT

Case Docket No. BROAD.028A

Date: February 26, 2004

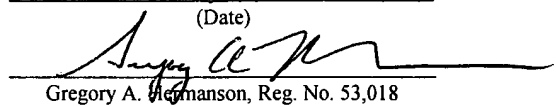
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Larry West
Appl. No. : 10/723,168
Filed : November 26, 2003
For : INTEGRATED BIO-REACTOR
MONITOR AND CONTROL
SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 26, 2004

(Date)


Gregory A. Hermanson, Reg. No. 53,018

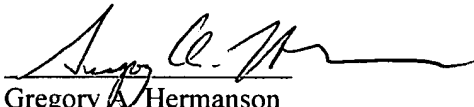
TRANSMITTAL LETTER

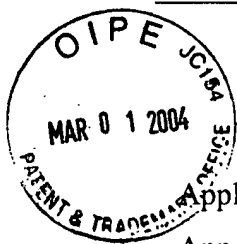
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing forty-three (43) references, thirty-seven (37) of which are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Gregory A. Hermanson
Registration No. 53,018
Attorney of Record
Customer No. 20,995
(619) 235-8550



INFORMATION DISCLOSURE STATEMENT

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For : INTEGRATED BIO-REACTOR
MONITOR AND CONTROL SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing forty-three (43) references, thirty-seven (37) of which are enclosed. Copies of disclosed U.S. patents are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 26, 2004

By: Gregory A. Hermanson
Gregory A. Hermanson
Registration No. 53,018
Attorney of Record
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(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
BROAD.028AAPPLICATION NO.
10/723,168INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Larry WestFILING DATE
November 26, 2003GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,330,915	07/1994	Wilson, et al.			
	2	5,587,298	12/1996	Horigane, et al.			
	3	5,629,202	05/1997	Su, et al.			
	4	6,048,721	04/2000	Armstrong, et al.			
	5	6,174,720	01/2001	Oxley, et al.			
	6	6,197,573	03/2001	Suryanarayan, et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	7	(Publication/Brochure) "Bioreactor Control System," Broadley James Corporation, Broadley-James® BioNet™, L0016B 06/2003, pp. 1-8.
	8	(Publication/Brochure) "The DeltaV System – Built for Batch," Emerson Process Management. (Copyright 2001), pp. 1-17.
	9	(Publication/Brochure) "The DeltaV System – System Overview," Emerson Process Management. (Copyright 2001), pp. 1-25.
	10	(Publication) FermWorks™, "Accelerating Biotechnology Research and Development", (Copyright 2002, Wireworks West, Inc.) pp. 1-4
	11	(Website printout: www.wireworkswest.com) WireWorks West, "Software Products / FermWorks™ 1.1 Features and Benefits", (printed 8/25/03) pp. 1-3.
	12	(Website printout: www.wireworkswest.com) WireWorks West, "Software Products / Complete FermWorks™ Integration, (printed 8/25/03) pp. 1-2.
	13	(Website printout: www.nbsc.com) BioFlo 3000®, "Autoclavable Fermentor and Bioreactor (1-1/4 – 10 Liters)", printed 8/25/03, pp 1-8.
	14	(Website printout: www.nbsc.com) (product specs.) BioFlo® 110 FERMENTOR/BIOREACTOR SPECIFICATIONS, New Brunswick Scientific Co., Inc., (printed 08/25/03) pp. 1-2.
	15	(Website printout: www.nbsc.com) (product specs.) BioFlo® 110 FERMENTOR & BIOREACTOR (1.3 – 14 L Total Volume), New Brunswick Scientific Co., Inc., printed 2/26/04, Copyright 1997-2003, pp. 1-3.
	16	(Course Publication from PlantWeb University, Emerson Process Management), "Buses 101, Field Level Networks," (Copyright 2002 Emerson Process Management), pp. 1-5.
	17	(Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 101", Introduction to Foundation Fieldbus," (Copyright 2002 Emerson Process Management), pp. 1-6.
	18	(Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 404", Segment Design," (Copyright 2002 Emerson Process Management), pp. 1-6.
	19	(Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 403", Control Design," (Copyright 2002 Emerson Process Management), pp. 1-5.

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. BROAD.028A	APPLICATION NO. 10/723,168
	APPLICANT Larry West	
	FILING DATE November 26, 2003	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	20 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 303", Segment Hardware," (Copyright 2002 Emerson Process Management), pp. 1-6.
	21 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 302", Network Wiring Options," (Copyright 2002 Emerson Process Management), pp. 1-7.
	22 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 301", Network Wiring Fundamentals," (Copyright 2002 Emerson Process Management), pp. 1-6.
	23 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 102", Fieldbus Communications," (Copyright 2002 Emerson Process Management), pp. 1-8.
	24 (Website printout: BioCommand® Software Packages) "Convenience. Control. Advanced Capability, BioCommand Plus," (printed 8/25/03) pp. 1-4.
	25 (Website Publication www.prweb.com: PRWeb™, The Free Wire Service) "Bioreactor Automation Software Accelerates the Durg Discovery Process", Released September 12, 2002, pp. 1-2.
	26 (Publication: WAVE BIOREACTOR) Disposable Cell Culture Technology From WAVE Biotech Brochure, (printed 8/25/03) pp. 1-8.
	27 (Website printout: www.nbsc.com) (product specs.) Fermentation & Cell Culture Systems, printed 08/25/03, pp. 1-2.
	28 (Publication) Brian Pumphrey, et al., "An Introduction to Fermentation", <i>Fermentation Basics</i> , New Brunswick Scientific (UK and The Netherlands) May, 1996, pp. 1-24.
	29 (Publication) Technical Overview, FOUNDATION™ fieldbus, "Freedom to Choose. Power to Integrate." Fieldbus Foundation, (Copyright 1996 Rev. 1998, 2003), pp. 1-36.
	30 (Publication - DeltaV™, "Whitepaper, Embedded Advanced Control" (January 2002), Emerson™ Process Management publication, pp. 1-4.
	31 (Publication - DeltaV™, "Product Data Sheet, Configuration Software Suite" (June 2003), Emerson™ Process Management publication, pp. 1-8.
	32 (Publication - DeltaV™, "Product Data Sheet, DeltaV Operate" (June 2003), Emerson™ Process Management publication, pp. 1-9.
	33 (Publication - DeltaV™, "Whitepaper, DeltaV System Ease of Use" (January 2002), Emerson™ Process Management publication, pp. 1-11.
	34 (Publication - DeltaV™, "Product Data Sheet, Fieldbus H1 Carrier" (May 2003), Emerson™ Process Management publication, pp. 1-3.
	35 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus in the DeltaV System" (May 2002), Emerson™ Process Management publication, pp. 1-8.
	36 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus I/O" (June 2002), Emerson™ Process Management publication, pp. 1-15.
	37 (Publication - DeltaV™, "Whitepaper, Controller Redundancy" (January 2002), Emerson™ Process Management publication, pp. 1-8.
	38 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus I/O Redundancy" (June 2002), Emerson™ Process Management publication, pp. 1-5.
	39 (Publication - DeltaV™, "Whitepaper, Buses and the DeltaV System" (January 2002), Emerson™ Process Management publication, pp. 1-8.
	40 (Publication) TECHNOLOGY – Technical Description Overview, (Copyright 2001 PROFIBUS International) p. 1.
	41 (Publication: DCC ONLINE, Introduction, Chptr. 2), Chapter 2, "Control Response", (printed 8/25/03) pp. 1-5.

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	APPLICANT Larry West	
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
42	(Publication: BioNet™ Data Sheet) "Controller" L3227 03/2003, Broadley James Corporation, (printed 8/25/03) p. 1.
43	(Publication, www.buscom.com – Online printout) BCC, C-086 THE CHANGING BIOREACTOR BUSINESS by Cort Wrotnowsky, Project Analyst, (printed 2/26/04) pp. 1-13.

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